

TABLE I. Selected Employment Statistics by Industry Groups and Industries:  
1963, 1958, and 1954

Industry group, industry and year	Employees		Man-hours worked by production, development, and exploration							Value added per man-hour	Energy used per production worker 1,000 equivalent	Horsepower per production worker
	Total	Production, development, and exploration	Total		At mines				At preparation plants			
			All types of work	Development and exploration	Underground	Open pits	Well operations	Surface (including mine shops and variable)				
	(number)	(number)		(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(dollars)		
All mineral industries.....	615,570	481,466	972,983	157,914	207,772	153,387	375,033	72,090	164,485	16.35	906	110
1958.....	733,900	565,356	1,080,443	177,893	260,772	146,595	415,708	75,150	182,111	12.39	717	(NA)
1954.....	787,110	648,341	1,251,903	239,240	345,621	145,155	467,300	127,313	166,166	9.25	576	63
Metal mining. ....	77,210	62,182	125,663	9,860	43,942	26,704	(X)	25,198	29,819	11.2	507	98
1958.....	91,582	70,755	136,243	9,523	48,312	26,115	(X)	27,734	33,892	9.6	384	(NA)
1954.....	101,212	82,715	170,497	20,780	68,345	31,842	(X)	39,454	30,856	6.59	262	63
Iron ores .....	23,083	18,102	34,524	3,001	8,197	10,351	(X)	6,412	9,564	15.91	979	145
1958.....	30,113	22,517	39,926	1,652	12,690	9,865	(X)	7,716	9,655	12.21	491	(NA)
1954.....	34,170	28,216	53,288	8,419	19,956	12,671	(X)	13,374	7,287	8.18	210	64
Copper ores .....	26,486	21,372	45,319	1,315	12,148	12,694	(X)	9,331	11,146	9.20	369	88
1958.....	27,642	20,898	41,021	1,672	10,438	10,691	(X)	8,127	11,765	6.50	490	(NA)
1954.....	27,813	21,544	46,676	5,173	13,880	11,174	(X)	11,165	10,457	7.17	430	72
.....	9,422	7,822	14,781	1,029	10,296	47	(X)	2,288	2,150	5.71	140	56
1958.....	11,227	8,728	16,734	1,491	11,118	22	(X)	3,551	2,043	4.40	132	(NA)
1954.....	16,566	13,592	27,554	1,498	18,357	139	(X)	4,477	4,581	3.90	121	55
Lead ores .....	4,320	3,401	5,948	354	4,489	15	(X)	1,043	401	5.72	114	61
1958.....	6,883	5,460	10,397	1,141	7,048	17	(X)	2,223	1,109	4.62	121	(NA)
1954.....	8,720	7,156	14,654	954	10,273	101	(X)	2,416	1,864	4.28	105	59
Zinc ores .....	5,102	4,421	8,833	675	5,807	32	(X)	1,245	1,749	5.70	159	52
1958.....	4,344	3,268	6,337	350	4,070	5	(X)	1,328	934	4.05	151	(NA)
1954.....	7,846	6,436	12,900	544	8,084	38	(X)	2,061	2,717	3.46	139	55
Gold and silver ores .....	4,216	3,585	7,605	1,026	4,369	435	(X)	2,090	711	6.45	251	67
1958.....	4,415	3,841	8,230	989	4,195	1,355	(X)	1,688	992	5.36	295	(NA)
1954.....	5,635	4,887	11,212	1,232	4,931	2,507	(X)	2,665	1,109	3.76	295	65
Lode gold .....	2,397	2,091	4,544	553	2,604	106	(X)	1,397	437	4.69	155	40
1958.....	2,586	2,234	4,602	483	2,943	98	(X)	985	576	4.92	155	(NA)
1954.....	3,060	2,670	5,988	893	3,365	115	(X)	1,734	774	3.67	240	51
Placer gold .....	361	325	731	20	17	326	(X)	336	52	(0)	(0)	(0)
1958.....	840	753	1,882	154	2	1,250	(X)	383	247	(0)	(0)	(NA)
1954.....	1,320	1,152	3,010	93	21	2,579	(X)	284	126	3.42	623	129
Silver ores .....	1,458	1,169	2,330	453	1,748	3	(X)	357	222	9.40	117	49
1958.....	989	854	1,746	352	1,250	7	(X)	320	169	5.94	129	(NA)
1954.....	1,255	1,065	2,214	246	1,627	25	(X)	353	209	4.45	76	34
Bauxite .....	552	414	751	7	197	144	(X)	264	146	23.25	565	70
1958.....	705	502	905	24	238	153	(X)	322	192	17.05	565	(NA)
1954.....	852	661	1,288	10	281	210	(X)	583	214	9.96	257	74
Ferroalloy ores .....	3,102	2,627	4,867	351	2,710	272	(X)	429	1,456	13.60	206	60
1958.....	5,438	4,380	8,335	343	3,816	953	(X)	1,204	2,562	8.91	210	(NA)
1954.....	8,078	6,838	15,122	1,030	7,482	1,484	(X)	1,815	4,341	7.10	165	54
Manganese ores .....	224	180	351	18	38	108	(X)	8	197	6.69	122	111
1958.....	2,099	1,792	3,475	88	1,159	690	(X)	557	1,069	5.76	325	(NA)
1954.....	2,604	2,266	4,293	260	1,677	894	(X)	402	1,320	4.22	211	47
Tungsten ores .....	638	508	977	113	388	22	(X)	106	461	8.36	145	(NA)
1958.....	2,987	2,635	6,327	651	3,683	451	(X)	691	1,502	6.44	141	59
1954.....	2,878	2,447	4,516	333	2,672	164	(X)	421	1,259	14.18	212	56
Ferroalloy ores, n.e.c. ....	2,701	2,080	3,883	142	2,069	241	(X)	541	1,032	11.87	145	(NA)
1958.....	2,487	1,937	4,502	119	2,122	139	(X)	722	1,519	10.78	145	57
1954.....	2,20	1,89	4,01	8	2,417	103	(X)	2,787	1,032	6.1	145	98
Metal mining services .....	6	1	8	2,417	103	1,013	(X)	3,261	1,032	6.1	145	(NA)
1958.....	2,18	1,97	4,27	4	1,873	103	(X)	3,779	1,032	5.3	145	53
1954.....	4	3	4	4	1,873	103	(X)	3,779	1,032	5.3	145	53
Miscellaneous metal ores .....	8,143	6,369	13,798	714	6,025	1,530	(X)	1,597	4,646	15.21	449	85
1958.....	9,790	7,851	16,673	2,198	6,017	1,912	(X)	1,865	6,879	11.78	375	(NA)
1954.....	4,881	3,982	8,536	1,489	3,379	858	(X)	1,502	2,797	(NA)	431	61
Mercury ores .....	316	279	610	56	326	69	(X)	67	148	4.21	194	68
1958.....	652	569	1,223	84	649	165	(X)	143	266	5.80	227	(NA)
1954.....	453	372	841	73	572	30	(X)	104	135	3.99	210	31
Titanium ores .....	997	846	1,721	7	553	319	(X)	362	806	8.7	44	79
1958.....	962	706	1,234	7	553	319	(X)	186	729	10.3	60	(NA)
1954.....	843	568	1,261	39	-	208	(X)	522	531	8.8	63	81
Uranium-radium-vanadium ores .....	6,665	5,114	11,251	595	5,699	832	(X)	1,124	3,596	16.9	46	85
1958.....	7,939	6,389	13,873	2,048	5,352	1,347	(X)	1,485	5,689	12.6	36	(NA)
1954.....	3,467	2,994	6,227	1,329	2,764	562	(X)	793	2,108	(NA)	43	56
Metallic ores, n.e.c. ....	165	130	216	63	76	81	(X)	4	96	7.4	34	17
1958.....	237	187	343	59	16	81	(X)	5	195	5.3	24	(NA)
1954.....	118	118	207	48	43	58	(X)	83	23	(0)	(0)	(0)

See footnotes at end of table.